



## poster ABSTRACT

Poster No. 3

### TITLE

#### **ANALYSIS OF CHILDHOOD LEAD POISONING AND SELECTED DEVELOPMENTAL DISABILITIES IN FLORIDA**

### TRACK

#### **Network Content**

### OBJECTIVES

What is the primary environmental risk factor for childhood lead poisoning in Florida? In this project, what developmental disabilities were analyzed for potential connection with childhood lead poisoning?

What were the relative risks for groups of children with different blood lead levels?

### SUMMARY

This poster presents the results of an analysis of biomonitoring data (blood lead levels) linked with health outcome data (developmental disabilities). The blood lead level data used in this project was obtained from the Florida Childhood Lead Poisoning Prevention Program (CLPPP), which is housed in the Florida Department of Health, Division of Environmental Health. The CLPPP program receives financial and technical assistance from the Florida Environmental Public Health Tracking (EPHT) program to collect and share statewide blood lead level data with statewide developmental disability data from the University of Miami Department of Psychology (under contract with the Florida Department of Education). The UM Developmental Epidemiology Team (Dr. Keith Scott et al) performed the absolute and probabilistic linkages for this project, and then analyzed the results by differing levels of blood lead results. The project methods and study results adhere to the provisions of the Family Education Rights and Privacy Act (FERPA) and the Health Insurance Portability and Accountability Act (HIPAA). The results indicate that children with blood lead levels above zero are at increasing risk for being classified with a developmental disability (within the Florida public school system).

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